



## TROPICAL CYCLONE ADVISORY NO. 4A

### Tropical Storm "RAI"

Issued at 5:00 PM, 13 December 2021

Valid for broadcast until the next advisory at 11:00 PM today.

## THE TROPICAL DEPRESSION OUTSIDE THE PHILIPPINE AREA OF RESPONSIBILITY (PAR) INTENSIFIES INTO TROPICAL STORM "RAI".

### Location of Center (4:00 PM)

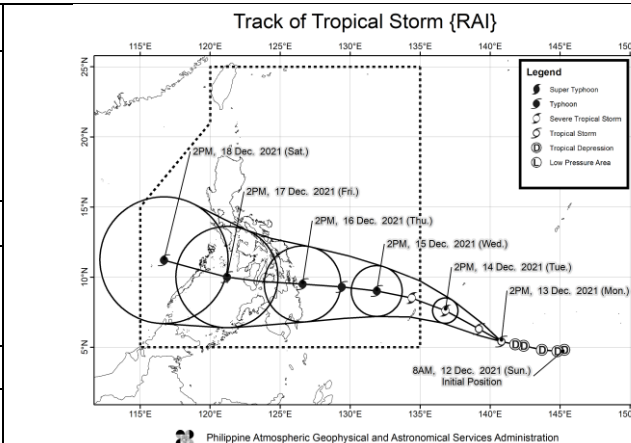
The center of the Tropical Storm "RAI" was estimated based on all available data at **1,630 km East of Mindanao (5.7°N, 140.5°E) (outside the PAR)**

### Intensity

Maximum sustained winds of **65 km/h** near the center, gustiness up to **80 km/h**, and central pressure of **998 hPa**

### Present Movement

**West northwestward at 20 km/h**



## TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 2:00 AM 14 December 2021	6.3	139.2	1,480 km East of Mindanao (outside the PAR)	75	TS	WNW 15
<b>24-Hour Forecast</b> 2:00 PM 14 December 2021	7.6	136.8	1,210 km East of Mindanao (outside the PAR)	95	STS	WNW 25
<b>36-Hour Forecast</b> 2:00 AM 15 December 2021	8.5	134.4	890 km East of Mindanao	110	STS	WNW 25
<b>48-Hour Forecast</b> 2:00 PM 15 December 2021	9.0	131.9	615 km East of Hinatuan, Surigao del Sur	130	TY	WNW 25
<b>60-Hour Forecast</b> 2:00 AM 16 December 2021	9.3	129.4	435 km East of Surigao City, Surigao del Norte	140	TY	W 25
<b>72-Hour Forecast</b> 2:00 PM 16 December 2021	9.5	126.6	Over the coastal waters of General Luna, Surigao del Norte	155	TY	W 25
<b>96-Hour Forecast</b> 2:00 PM 17 December 2021	10.0	121.2	95 km South Southeast of Cuyo, Palawan	130	TY	W 25
<b>120-Hour Forecast</b> 2:00 PM 18 December 2021	11.2	116.7	275 km Northwest of Puerto Princesa City	140	TY	WNW 20

Prepared by: **SMRR**

Checked by: **JSG**



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#### **GENERAL OUTLOOK FOR THE FORECAST PERIOD**

- The tropical storm is forecast to move west northwestward and will likely enter the PAR region as a severe tropical storm tomorrow (14 December) evening. Once inside PAR, the domestic name "ODETTE" will be assigned to this tropical cyclone. The west northwestward movement is forecast to continue until Wednesday (15 December) morning or afternoon. Afterwards, the tropical cyclone will turn westward and may make landfall in the vicinity of Caraga or Eastern Visayas by Thursday (16 December) afternoon or evening.
- "RAI" intensified into tropical storm at 2:00 PM today. This tropical cyclone is forecast to gradually intensify within the forecast period and may reach typhoon category by Wednesday. A peak intensity of around 155 km/h may be reached prior to landfall.
- Current track and intensity forecast shows that there is a high likelihood that Tropical Cyclone Wind Signals will be hoisted for Visayas, large portions of Mindanao, and several provinces in Southern Luzon due to the threat of strong to typhoon-force winds. The highest possible wind signal that may be hoisted is TCWS #3. Localities situated in the eastern portions of Visayas and Mindanao may be placed under TCWS #1 as early as tomorrow afternoon or evening.
- The passage of this tropical cyclone over the central portion of the archipelago may bring heavy rainfall over Visayas, large portions of Mindanao, and several provinces in Southern Luzon. Coastal inundation due to high waves near the coast and storm surge are also possible for low-lying localities near and along the path of the typhoon. Residents over the northern and eastern portions of Northern Luzon and the eastern portion of Central Luzon are also advised to monitor for updates regarding possible heavy rainfall which may occur in relation to the behavior of the shear line during and after the passage of this tropical cyclone.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 PM today.

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Checked by:  **JSG**